

CSWC Operational Period Summary

0600 March 3 to 1800 March 3 2014



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

SITUATION SUMMARY

- SOC / Inland REOC remain activated in support of 2014 Drought
- A series of disturbances are currently forecast to bring periods of wet weather and mountain snow to much of California throughout most of this week. Warmer weather is expected to return by this weekend.
- No significant Weather Watches or Warnings are in effect

WEATHER

California Precipitation Forecast 3/2/14 – 3/7/14

North Coast

Counties: Del Norte, Humboldt, Mendocino, Lake, Sonoma, Napa

- Highest amounts are confined to Del Norte and northern Humboldt Counties: ~3.50" – 6.00"
- Central portions of the region: ~1.50" – 3.00"
- Areas around the North Bay: ~0.50" – 1.00"

Cascade – Sierra

Counties: Siskiyou, Modoc, Trinity, Shasta, Lassen, Plumas, Sierra, Nevada, Placer, El Dorado, Amador, Alpine, Calaveras, Tuolumne, Mariposa

- Highest amounts confined to mostly western Siskiyou, portions of Trinity County and Mt Shasta: ~4.50"
- Rest of the Region: ~0.30" – 1.50"

Bay Area

Counties: Marin, San Francisco, Contra, Costa, Alameda

- Precipitation: 0.50" – 1.00"

Sacramento Valley

Counties: Tehama, Glenn, Butte, Colusa, Sutter, Yuba, Yolo, Sacramento, Solano

- Northern Sacramento Valley: ~1.00" – 2.50"
- Central and Southern Sacramento Valley: ~0.30" – 0.75"

San Joaquin Valley

Counties: San Joaquin, Stanislaus, Merced, Madera, Fresno, Kings, Tulare, Kern

- Precipitation: 0.10" - 0.75"

WEATHER

California Precipitation Forecast 3/2/14 – 3/7/14 (Cont.)

Central Coast

Counties: Santa Cruz, Santa Clara, San Benito, Monterey, San Luis Obispo

- Precipitation: 0.25" – 0.50"

South Coast

Counties: Santa Barbara, Ventura, Los Angeles, Orange, San Diego

- Precipitation: Less than ~0.25"

Southeast Interior

Counties: Tuolumne, Mono, Mariposa, Inyo, San Bernardino, Riverside, Imperial

- Precipitation: Less than ~0.25"

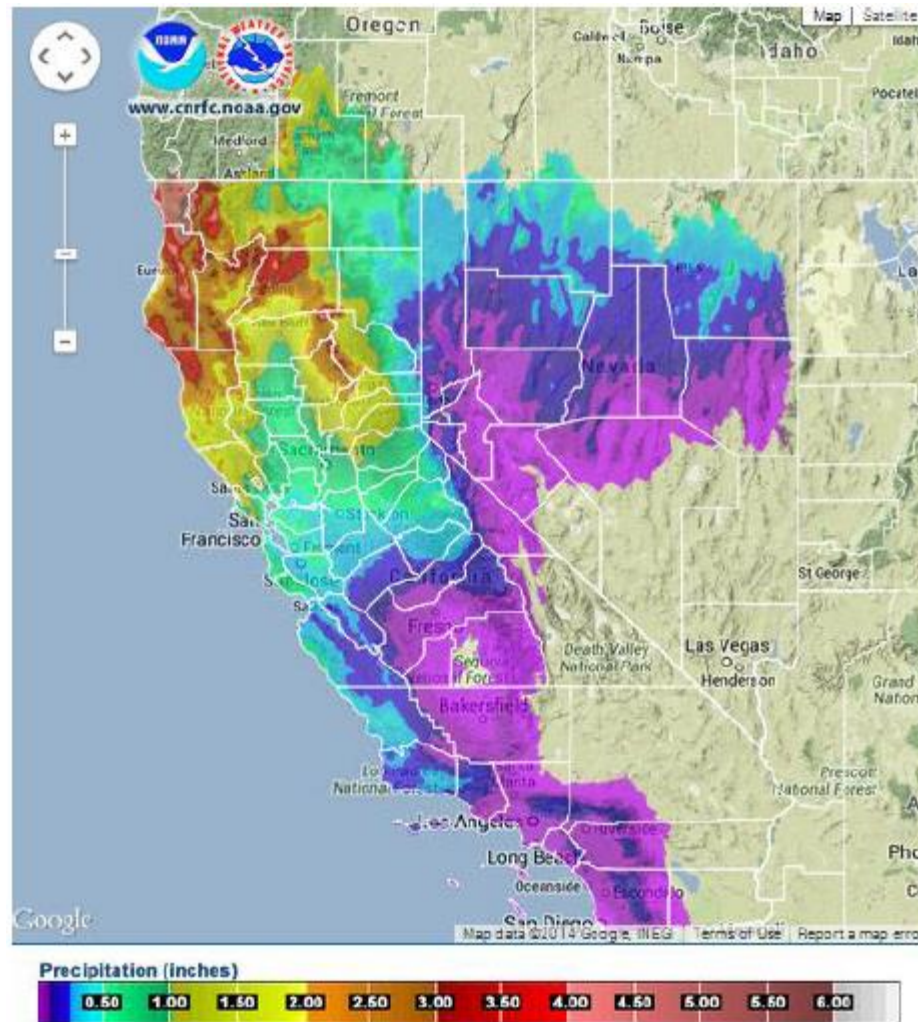
Snow Levels:

- Northern Mountains: above 5500 feet
- Central and Southern Sierra: above 6000 feet
- Southern Mountains: above 6000 feet

Longer Term Outlook:

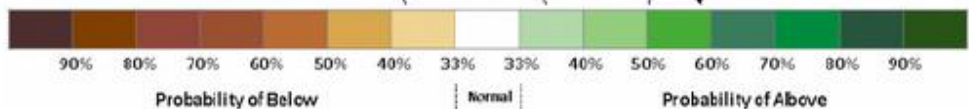
Dry conditions are expected mid to latter part of the week. Any chances of precipitation will be confined to Del Norte County and be minimal, at best.

California Precipitation Forecast Graphic 3/2/14 – 3/7/14





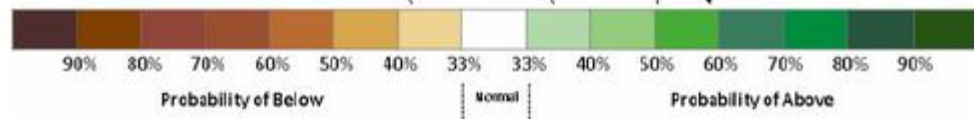
6-10 DAY OUTLOOK
PRECIPITATION PROBABILITY
MADE 28 FEB 2014
VALID MAR 06 - 10, 2014



Climate Prediction Center 6-10 Day Outlook, valid March 6-10, 2014.



8-14 DAY OUTLOOK
PRECIPITATION PROBABILITY
MADE 28 FEB 2014
VALID MAR 08 - 14, 2014

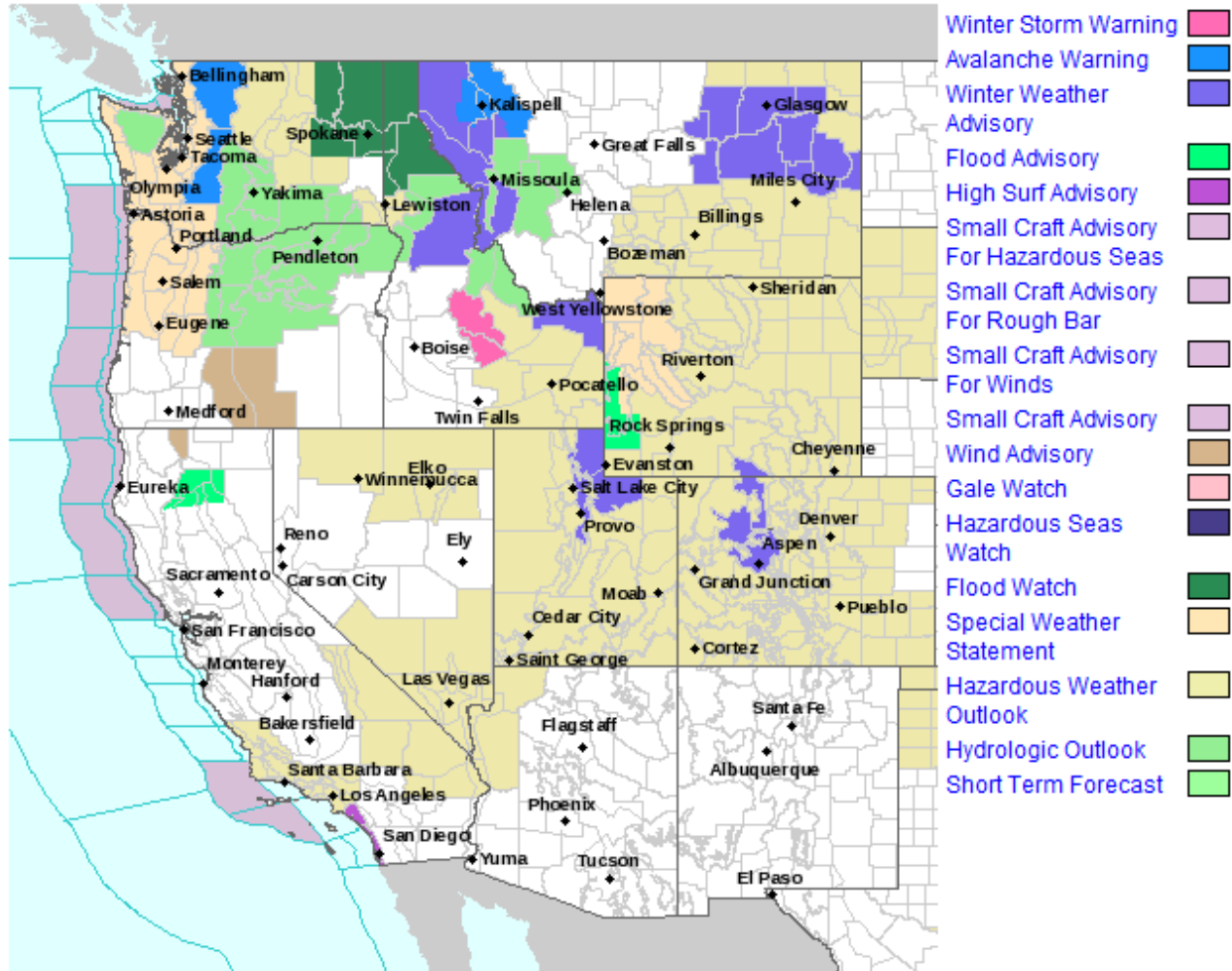


Climate Prediction Center 8-14 Day Outlook, valid March 8-14, 2014.



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STATE WEATHER MAP



Last map update: Mar, 3rd 2014 at 6:05:09 pm MST

FIRE ACTIVITY

Preparedness Levels:

National Preparedness Level 1

Northern California

Preparedness Level 1 Multi-Agency Coordination System MACS Mode 2

Southern California

Preparedness Level 2 Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

No Significant Fire Activity to Report



CAL OES ACTIVATIONS

Cal EOC Incident – 2014 Drought

- The SOC is activated at Level 2 in support of the Drought State of Emergency from 0800-1700 hours daily.
- The Inland REOC is activated at Level 2 from 0800-1700 Monday through Friday or as needed.
- The Southern REOC is activated at Level 1.
- The Santa Barbara County OA EOC is activated at Level 2 to be handled by the duty officer for the purpose of monitoring activities and gaining situational awareness. The operational period is 0800-1700 hours.

SIGNIFICANT EVENTS / ACTIVITY

Cal EOC Incident – 2014 Drought

Situational Summary: (Update)

- Strong winter storms hit California beginning Wednesday, 2/26, bringing heavy rain and snow across the state. Both Northern and Southern California received significant rain, and the Sierra Nevada's gained substantial snowpack. However, the state continues to be in a severe drought. Reservoir levels remain low despite the recent storms. The drought could result in severe impacts to municipal water supplies, agriculture (plants and livestock) and firefighting capabilities for several months. The State Operations Center (SOC) continues to be activated to monitor the situation statewide, and support regional and local operational areas.
- Drought Task Force leaders begin regional meetings. Task Force leaders will next travel to Merced for meetings on Tuesday, 3/4/14. In one week after it was introduced, emergency drought legislation passed both chambers of the California legislature and was signed by the Governor.
 - Thirteen counties and three Native American tribes have proclaimed a local state of emergency as a result of the drought. California Public Utilities Commission (CPUC) orders private water utilities to implement 20% voluntary water use reductions. The CPUC regulates all for-profit water utilities in the state.
 - The recent snowpack survey conducted on 2/27/14, recorded California snowpack at 24% of normal. A more recent update using automated devices after the recent storm (March 2) shows snowpack at 32% of normal.
- DWR has announced that water essential for health and safety will be delivered through the state water project in spite of the zero allocation policy. Deliveries will be boosted if storms produce enough rain and snow to increase reservoir storage and the snow pack.

Cal EOC Incident – 2014 Drought (Cont.)

Current Conditions:

****Despite two large storms over the past three weeks, heavy rain and snow would have to fall throughout California very frequently from now until May to reach average annual rain and snowfall levels.****

Now more than two-thirds of the way through the rainy season, many areas in the northern part of the state are at least 15 inches short of average annual precipitation. So it would take more than a half an inch of rain from Redding to Fresno every other day until May to get back to average precipitation in the watersheds that supply most of California's drinking and irrigation water. Even with such precipitation, California would remain in drought conditions, due to low water supplies in reservoirs from the two previous dry years.

Current Drought Updates:

- 2014 Drought Response Report – Attached ([Update](#))
- ***[Please see attachment for the Weekly Drought Update](#)***

Declarations/Resolutions/Proclamations: ([Update](#))

State:

01/17/14 – January 17, 2014, Governor Edmund G. Brown proclaimed a State of Emergency and directed state officials to take all necessary actions to prepare for these drought conditions.

Declarations/Resolutions/Proclamations: (Cont.)

County Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
County		Request
Glenn	1/30/2014	State and Federal relief
Kern	1/14/2014	Gubernatorial and Presidential
Kings	1/14/2014	State and Federal assistance
Madera	1/28/2014	No specific request
San Joaquin	1/28/2014	No specific request
Sutter	2/11/2014	Gubernatorial and Presidential
Tulare	2/4/2014	CDAA and Federal assistance
Tuolumne	2/4/2014	CDAA and Federal assistance
Yuba	2/18/2014	Gubernatorial and Presidential
Coastal Region		
County		Request
Mendocino	1/7/2014	No specific request
Sonoma	2/25/2014	CDAA and Federal assistance
Southern Region		
County		Request
Inyo	1/28/2014	CDAA
Santa Barbara	1/17/2014	No specific request



Declarations/Resolutions/Proclamations:

City / Tribe / Special District Declarations/Resolutions/Proclamations:

Declarations/Resolutions/Proclamations		
Inland Region		
City/Tribe/Special District		Request
Placer County Water Agency Placer	2/6/2014	Local conservation and funding measures
Twain Harte Community Services Dist Tuolumne	1/29/2014	Enact District conservation measures
Tule River Tribe Tulare	1/30/2014	Enact Tribal emergency authorities
Lake Don Pedro Community Services Dist. Mariposa	2/18/2014	Declare a Stage I Water Emergency
Karuk Tribe	2/18/2014	Enact Tribal emergency authorities
Mariposa Public Utility District	2/4/2014	Enact District conservation measures
Coastal Region		
City/Tribe/Special District		Request
Hoopla Valley Tribe Humboldt	1/20/2014	Enact Tribal emergency authorities
Yurok Tribe Del Norte	1/29/2014	Enact Tribal emergency authorities
City of Willits Mendocino	1/7/2014	Declare a Phase V Water Emergency
Brookside Township Mendocino	1/7/2014	
City of Calistoga Napa	2/4/2014	Declare a Stage II Water Emergency
City of St. Helena Napa	1/28/2014	Declare a Stage II Water Emergency
City of American Canyon Napa	2/4/2014	Declare a Stage I Water Emergency
Southern Region		
City/Tribe/Special District		Request
Carpinteria Valley Water District	2/12/2014	Declare a Stage I Water Emergency



Counties Which Have Established a Drought Task Force (DTF)

Information as of 2/28/14

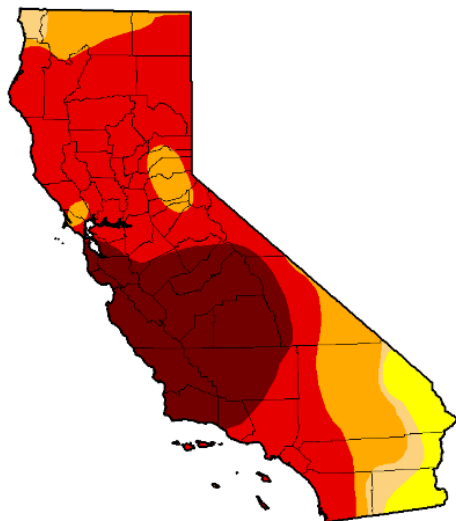
County Drought Task Force Upcoming Meetings		
Inland Region		
County	Previous Meetings	Upcoming Meetings
Butte	2/18/2014	5/19/2014
Madera	2/18/2014	3/11/2014
Merced		3/19/2014
Modoc	2/25/2014	
Nevada	1/22/2014	2/28/2014
Placer	2/19/2014	3/12/2014
Plumas	2/24/2014	3/17/2014
Sacramento	2/21/2014	3/7/2014
San Joaquin	2/19/2014	3/19/2014
Siskiyou	2/19/2014	
Solano		
Stanislaus	2/18/2014	3/3/2014
Sutter		3/13/2014
Tehama		
Tulare		3/10/2014
Tuolumne	2/11/2014	2/28/2014
Coastal Region		
County	Previous Meetings	Upcoming Meetings
Mendocino	2/26/2014	
Monterey		
San Mateo		3/18/2014
Santa Clara	2/27/2014	
Southern Region		
County	Previous Meetings	Upcoming Meetings
San Luis Obispo		3/4/2014
Santa Barbara		3/12/2014



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U.S. Drought Monitor

California



February 25, 2014


(Released Thursday February 27, 2014)


Valid 7 a.m. Eastern

Week	Date	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2/25/2014	0.00	100.00	94.56	90.82	73.83	26.21
Last Week	2/18/2014	0.00	100.00	94.54	90.82	68.30	14.62
3 Months Ago	11/26/2013	2.61	97.39	94.15	82.53	27.59	0.00
Start of Calendar Year	12/31/2013	2.61	97.39	94.25	87.53	27.59	0.00
Start of Water Year	10/1/2013	2.63	97.37	95.95	84.12	11.36	0.00
One Year Ago	2/26/2013	0.02	99.98	47.13	26.96	0.00	0.00


Intensity:

 D0 - Abnormally Dry

 D1 - Moderate Drought

 D2 - Severe Drought

 D3 - Extreme Drought

 D4 - Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.

Author(s):

David Miskus, NOAA/NWS/NCEP/CPC



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CAL OES MISSIONS

Drought Related Missions

- **2014-Inland-2185** Tuolumne County does not have a water master or any alternative resources to assist in determining the health of their ground water system. The County is requesting state agency expertise to assist with this determination.

New Cal OES Missions

- **2014-LAW-2428** 3/3/14 at 1112 hours, Air Force Rescue Coordination Center (AFRCC) advised of an overdue aircraft that was believed to have crashed south of Truckee-Tahoe Airport (KTRK). Aircraft is a Piper Malibu Mirage (single piston) PA46, Tail # N9281F, that departed from John Wayne Airport (SNA) in Orange County at 0803 hours with an expected arrival point of Truckee-Tahoe Airport (KTRK) in Nevada County at 1128 hours. In addition, AFRCC advised aircraft reported icing issues were reported over the radio. Nevada County Sheriff has been notified and is responding. 1135 hours, Cal OES LDO contacted AFRCC to request radar forensics and CAP fixed wing resources to assist in search for aircraft. 1158, Placer County Sheriff's Office (SO) advised CHP and Calfire aircraft have a visual on the plane at the crash site. 1204 hours, AFRCC advised FAA cancelled the ALNOT. CAP resources cancelled but radar forensics continue. 1217 hours, Nevada County SAR Coordinator advised LDO that crash site was determined to be in Placer County. Placer County SO notified and responding along with Nevada County. 1252 hours, Nevada County SAR Coordinator advised LDO that approximately 2 dozen SAR members and a snow cat are responding. 1356 hours, LDO provided AFRCC's Aircraft Radar Track information to Placer County SO. LDO confirmed Placer County SO personnel extricated one survivor and one deceased person from aircraft. 1429 hours, Nevada County SAR Coordinator advised Placer County SO taking lead on crash site with NTSB. 1501 hours, AFRCC advised there is still an ELT signal coming from aircraft. 1615 hours, LDO advised per Placer County SO, ELT silenced by on-scene personnel. All mutual aid resources clear. **Mission Closed**

Ongoing Cal OES Missions (Cont.)

- **2014-LAW-2401** 2/28/14, 1510 hours, Santa Cruz Sheriff's Department requested the assistance of the Santa Clara County Sheriff's Department historic human remains detection (HRD) K-9 Teams. Santa Clara County SO agreed to support the mission. LDO notified the Cal OES K-9 Coordinator of the resource request. The search is scheduled for 03/12/14.
- **2014-LAW-2390** San Benito County SO is requesting two (2) Historic remains Detection K-9 Teams from Santa Clara County Sheriff's Department. Search area will be in the vicinity of Hwy 56 east of Hwy 25. Cal OES LDO is coordinating resources. Cal OES K-9 Coordinator confirmed that Santa Clara County SO would support mission request for 02/28/14. Update 2/28/2014: Additional remains were recovered and the search for more remains will resume when weather permits.
- **2014-LAW-2380** The San Bernardino County Sheriff's Department as the Regional Mutual Aid Coordinator is requesting the 9th Civil Support Team of the California National Guard for support during the running of the Auto Club Speedway's NASCAR Races to be held from Friday, March 21, 2014 through Sunday, March 23, 2014. The CNG has accepted the mission and will deploy the requested resources.
- **2014-LAW-2307** California Department of Fish and Wildlife (DFW) has requested California Air National Guard to assist in the movement of equipment and fuel between Farallon National Wildlife Refuge and the mainland. Approximately 3-4 sorties are expected with an HH-60G helicopter any one day between 2/24-28/2014 or before 3/15/2014. After receiving the official letter of request from USFWS on behalf of the California DFW, Cal OES LDO has changed the target date of the mission to 2/27/14, the county to Marin as Stinson Beach was Identified as the primary staging area and the resource to an HH-60.

Ongoing Cal OES Missions (Cont.)

- **2014-LAW-2275** 2/23/2014 at 1742 hours the Butte County Sheriff's Office is requesting six area dogs with support personnel to assist in the search for an 81-year-old male with dementia who walked away from his residence between 1000-1200 hrs. Saturday. The requested resources will meet at the ICP at 0800 hours Monday. LDO Contacted Cal OES K-9 Coordinator who secured the requested resources. Update: 2310 hours Cal OES K-9 Coordinator advised he secured an additional 2 trailing K-9's for the search. LDO notified the Butte SO SAR leader. Update, 2/27/2014, 2118 hours: CARDA will be able to provide two (2) K-9 teams to support this mission. Update, 2/28/2014, 1807 hours: SO reports no additional clues in today's search. All MA resources have been released and search activity will continue with local resources.
- **2014-LAW-2258** Placer County Sheriff's Department requesting 2 radio kit's (kit of 14 radios), 1 kit of VHF and 1 kit of UHF, to assist and support a mountain rescue training. Placer SO will pick-up radios on Friday, 02/28/2014, for training on the weekend of the 1st and 2nd of March. [Update 3/3/14: Cal OES LDO advised mission will remain open until radio kits are returned from Placer County.](#)
- **2014-SOC-2111** Mission is to test the Cascadia Subduction Zone (CSZ) air bridge concept by air transporting 7 passengers from OES and 1 CANG logistics planner on 13 May 2014 from Mather to the State Staging Area (SA) in Redding, to one POD in Del Norte and one POD in Humboldt, to the Redding State SA, and return to Mather. Passengers will discuss actions at the Redding SA and at each OA POD while they are at each location. The air bridge is a critical component to CSZ response and recovery. It is imperative this concept is tested to ensure response teams can be successfully transported into the effected region and the affected Operational Areas' are able to receive aircraft at designated PODs.

Closed Cal OES Missions

- **2014-LAW-2289** Los Angeles County requesting California National Guard (CNG) 9th Civil Support Team (CST) for the 86th Academy Awards on Sunday, 3/2/2014. [Update 3/3/2014: Cal OES LDO contacted Sgt. Chen, LAPD, and determined mission completed with no outstanding issues. Mission Closed](#)

CAL OES DEPLOYMENTS

EMAC Colorado (No Change)

2014-SOC-2101 California deployed a Recovery Specialist, Clyde Muraoka, to Colorado as requested via EMAC #510-RR-2388 to assist in flood recovery operations. The coordination process is complete. Personnel have arrived safely and reported for assignment. The deployment began on 2/09/2014 with a confirmed demobilization date of 3/12/2014.

UPCOMING EVENTS, TRAINING, EXERCISES

Diablo Canyon Power Plant, Rehearsal / Full Scale Exercise

Diablo Canyon Power Plant in San Luis Obispo will be hosting two full scale Hostile Action Based exercises this Spring. A dress rehearsal exercise will be held on April 16, 2014 and a FEMA evaluated exercise will held on May 21, 2014. This is part of the required biennial demonstration of our ability to protect the public from a radiological incident at the nuclear power plant.

2014 Golden Guardian

Planning is currently underway for the Governor's 2014 exercise series. The series will test the *California Cascadia Subduction Zone Earthquake and Tsunami Response Plan* developed by FEMA Region IX and Cal OES

- Logistics Tabletop Exercise - March 5, 2014
- Logistics Rehearsal of Concept Drill - April 2, 2014
- REOC Communications Functional Exercise - March 27, 2014

The Tsunami Warning Communications Test

Live code, activating EAS will be on the North Coast in Del Norte, Humboldt, Mendocino Counties on Wednesday 3/26/2014 (between 11:00 and Noon PDT).

- Del Norte County will be asking residents of the community to participate in a full evacuation exercise on March 26 between 1100 – 1300 hours PDT.



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.